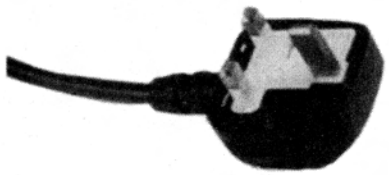
## BRITISH 3-CONDUCTOR RIGHT-ANGLE PLUG



The Pencon integrally molded 13 Amp mains plug is available with a wide range of supply cords which are pre-prepared for fitting to electrical appliances. Featuring double insulation, the plug has all wire connections crimped on specialized semi-automatic equipment to ensure consistent safety and reliability. The plug is supplied with solid brass semi-insulated pins (Type No. GB13A4) as illustrated. Each plug undergoes seven electrical tests to ensure correct continuity, polarity, and electrical safety. Pencon 13 Amp molded plugs have been independently tested and approved by ASTA Certification Services to BS 1363A. **Operating Voltage:** 250V AC. **Current Rating:** 13A. **Insulation Resistance:** >10M ohms. **Outside Body:** PVC. **Terminals:** Brass (solid). **Approval:** See chart below.

| Mfr. No. | Amps | Color | Termination |
|---|---|---|---|
| **12-22233-250-BK** | 10 | Black | Hard Wire* 40mm/10mm |
| **12-22234-250-BK** | 10 | Black | IEC 320 STD C13 Straight |
| **12-22234-250-MG** | 10 | Gray | IEC 320 STD C13 Straight |
| **12-22249-250-BK** | 13 | Black | IEC 320 STD C19 |

* Conductors stripped and twisted.

## EIC 320 STD C13, 3-CONDUCTOR STRAIGHT PLUG

Specifications: BS4491, EN 60 320, EIC 320 Std 13, AS3100 1983 Std 13. **Operating Voltage:** 250 VAC. **Insulation Resistance:** >10M ohms. **Cable Retention:** >60N. **Outside Body:** PVC. **Terminals:** Phosphor bronze. **Approval Code:** 1, 3, 4, 5, 8, 9, 10, 11, 12, 13; **Approval:** See chart below. Length of Type 100BK is 1.0m; Type 250BK is 2.50m.

| Mfr. No. | Amps | Color | Termination |
|---|---|---|---|
| **43-12234-100-BK** | 10 | Black | IEC 320 STD C13 Straight |
| **43-12234-250-BK** | 10 | Black | IEC 320 STD C13 Straight |

## PVC-SHEATHED CABLE, H05VV-F/A05VV-F

Constructed to VDE-standard 0281 part 402. Bare, finely-stranded copper conductor; insulation cover and sheath made of thermoplastic PVC. For the connection of electric appliances with medium mechanical stresses. **Nominal Voltage:** 300/500V. **Color:** Black.

| Mfr. No. H05VV-F | Copper Content* | Cross-Ssection | O.D. (mm) | Width per 1000m |
|---|---|---|---|---|
| **2X0.75BLK** | 14.4 | 2x0,75 | 6.2 | 52kg |
| **2X1.00BLK** | 19.0 | 2x1 | 6.6 | 61kg |
| **3G0.75BLK** | 21.6 | 2G0,75 | 6.6 | 62kg |
| **3G1.00GLK** | 29.0 | 3G1 | 7.0 | 74kg |
| **3G1.50BLK** | 42.0 | 3G1,5 | 8.4 | 106kg |

* Copper content=6.53 kg per 1000m

## PART NUMBERING SYSTEM

XX — X X X X X — XXX — XX

A B C D E F G H

### A — Country

| | | |
|---|---|---|
| 10-Schuko/Single Earth | 20-Schuko/Double Earth | 30-Universal Jumper /IEC 320 C/14 |
| 11-Swiss | 21-Italian | 31-NEMA 5-15 |
| 12-British/13 Amp Fuse | 22-Israeli | 32-NEMA 5-20 |
| 13-Spain | 23-Euro Cord/2.50 Amp | 33-NEMA 6-15 |
| 14-Australian | 24-Schuko/2 Conductor | 34-NEMA 6-20 |
| 15-Japan | 25-Danish/Standard | 41-Italian Class II |
| 16-Danish/Data | 26-IEC 320 STD C19 | 42-Swiss Class II |
| 17-Russian | 27-IEC 320 STD C14 | 43-Universal Jumper /IEC 320 C/13 (only) |
| 18-IEC 320 STD C13 | 28-British/5 Amp Fuse | |
| 19-South Africa | 29-British/3 Amp Fuse | |

### B — Plug Style

1-Straight
2-Right Angle
3-No Plug

### C — Conductors

1-2 Conductor
2-3 Conductor

### D — Cordage Type

1-H03VVF
2-H05VVF
3-H05VVH2
4-H05RRF
5-H03VVH2
6-16 AWG/SJT
7-14 AWG/SJT
8-H07RNF
9-H05RNF
0-12 AWG/SJT

### E — Amp Rating

0-2.50 Amps
1-6 Amps
2-7 Amps
3-10 Amps
4-13 Amps
5-15 Amps
6-3 Amps
7-16 Amps
8-5 Amps

### F— End Finish

1-Hard Wire 30mm/6mm
2-Hard Wire 25mm/5mm
3-Hard Wire 40mm/10mm
4-IEC 320 std C13 Straight
5-IEC 320 std C13 Right Angle
6-IEC 320 std C14 Straight
7-IEC 320 std C14 Right Angle
8-IEC 320 std C7/2.5 Amps
9-IEC 320 std C19
0-Blunt

### G — Length Meters

200-2.00
250-2.50
300-3.00

(Above are for reference only.)

### H — Color

BK-Black RAL 9005
BR-Brown RAL 8019
LG-Light Gray RAL 7032
MG-Medium Gray RAL 7037
DG-Dark Gray RAL 7024
WH-White RAL 9010
CR-Cream-Ivory RAL 1015
SP-Special RAL XXXX

## APPROVAL CHART

1. Great Britain
2. Great Britain
3. Austria
4. Belgium
5. Denmark
6. Finland
7. France
8. Germany
9. Holland
10. Italy
11. Norway
12. Sweden
13. Switzerland
14. U.S.A.
15. Canada
16. Australia
17. New Zealand
18. South Africa
19. Israel

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